



Cornwall County Council.

Sanitary Committee.

ANNUAL REPORT,
VITAL STATISTICS
And Meteorological Summary
for 1905.

TRURO:
BLACKFORD, ROYAL PRINTERIES,

1906.

CORNWALL COUNTY COUNCIL.

County Sanitary Committee:

THE RIGHT HONORABLE THE EARL OF MOUNT EDGCUMBE,
Chairman of the County Council (*Ex-Officio*).

MR. WILLIAM COLE PENDARVES,
Vice-Chairman of the County Council (*Ex-Officio*).

THE HONORABLE JOHN R. de C. BOSCAWEN, Chairman.

MR. JOSEPH ROGERS, Bolowthas, Newquay, Vice-Chairman.

MR. ARTHUR FRANCIS BASSET, Tehidy, Camborne.

„ GEORGE BERINGER, 18 Meneage Street, Helston.

„ JOHN DAVIES ENYS, Enys, Penryn.

„ GEORGE ALBERT HELLYAR, Trevone, Padstow.

„ JAMES HENDY, Truthan, St. Erme, Truro.

„ FREDERICK WILLIAM JENKIN, Boscundle, Par Station.

„ JAMES WALTER LAWRY, Tharsis Villa, Calstock.

„ RICHARD AMBROSE NEWCOMBE, Broad Street, Penryn.

„ JOAN MICHAEL NICHOLLS, The Terrace, St. Ives.

„ NICHOLAS RICHARD ROSEKILLY, Albaston, Gunnislake.

„ RICHARD JOAN THOMAS RUNNALLS, Fore Street, Copperhouse, Hayle.

„ CHARLES TREGENZA, Mousehole, near Penzance.

MR. CHRISTOPHER L. COWLARD, Clerk.

Place of Meeting:

PUBLIC ROOMS, TRURO.

LOCAL SANITARY AUTHORITIES.

CHAIRMEN & OFFICERS, 1906.

<i>No. of District in Report</i>	<i>Sanitary District</i>	<i>Chairman</i>	<i>Clerk</i>	<i>Medical Officer</i>	<i>Inspector</i>
RURAL.					
1	Stratton ...	Peter Stacey...	G. H. Gurney ...	J. M. Braund ...	J. P. Baker
1a	Holsworthy ...	Wm. Allin ...	J. Rowland ...	W. G. Gray ...	R. Banbury
2	Launceston ...	J. Rawling, C.C. ...	G. G. White...	C. G. Gibson...	J. Frayne
3	Calstock... ..	J. D. Paul ...	J. P. Blight ...	A. Bowhay, M.D.	J. V. Bennett
4	Boscastle ...	J. Parnell ...	J. Mitchell ...	C. Wade ...	A. Metherell
5	Camelford ...	Do. ...	Do. ...	E. J. Jerome ...	
6	Liskeard ...	Rev. E. H. Glencross	A. de C. Glubb ...	W. Nettle ...	E. Mallett
7	St. Germans ...	M. Loam ...	F. E. Cleverton ...	R. T. Meadows, M.D.	J. A. Andrews
8	Bodmin ...	J. Lewarne ...	J. Pethybridge ...	T. Mudge ...	W. J. Jenkins
9	St. Columb ...	J. Stick ...	C. E. Whitford ...	F. S. McMahon ...	R. G. Hawken
10	St. Austell ...	J. W. Higman ...	J. Stephens ...	W. Mason ...	T. Darlington
11	Truro ...	J. Hendy, C.C. ...	F. Truscott ...	T. M. Bonar... ..	E. W. Tonkin
12	Redruth ...	E. Penna ...	T. C. Peter ...	A. E. Permewan, } M.D. }	J. Tredinnick
13	East Kerrier ...	J. Olver ...	G. A. Jenkins ...	J. Blamey ...	W. Martin
14	Helston ...	J. Coad, C.C. ...	A. E. Ratcliffe ...	N. R. Haswell }	J. D. Hosking
15	West Penwith ...	A. Williams ...	T. H. Cornish ...	J. R. Richmond ...	J. H. Chubb
16	Scilly Isles ...		E. N. V. Moyle ...	T. Brushfield, M.D.	R. J. Wearne
URBAN.					
17	Callington ...	Dr. H. Davis ...	J. P. Blight ...	H. Davis, junr. ...	J. Richards
18	Stratton & Bude	J. H. Treleven ...	R. A. Foster-Melliar	J. King... ..	J. Ellis
19	Launceston ...	The Mayor ...	C. H. Peter ...	C. G. Gibson...	A. W. Grace
20	Liskeard ...	The Mayor ...	H. L. Caunter ...	W. Nettle ...	T. McMeikan
21	Torpoint ...	A. F. Holman ...	A. N. F. Goodman	S. G. Vinter ...	W. B. Jones, C.S.I
22	Looe ...	J. White ...	R. A. Peter ...	J. E. Webb, M.B.	C. Martin
23	Saltash ...	The Mayor ...	F. E. Cleverton ...	G. Preston ...	W. W. Harvey
24	Bodmin ...	The Mayor ...	J. Pethybridge ...	B. G. Derry ...	R. Buscombe
25	Lostwithiel ...	The Mayor ...	W. Pease, junr. ...	E. A. Milner ...	J. Knight
26	Wadebridge ...	W. H. Wills ...	W. O. Wellington	W. A. Eden ...	J. Bate
27	Truro City ...	The Mayor ...	F. Parkin ...	H. C. Sharp, M.B.	M. Lea, C.E.
28	Penryn ...	The Mayor ...	G. A. Jenkins ...	J. Blamey ...	J. P. Jenkins, C.E.
29	Falmouth ...	The Mayor ...	E. E. Armitage ...	C. C. Bullmore ...	H. Kelway
30	Helston ...	The Mayor ...	J. W. Tyacke, C.C.	E. T. Jones ...	W. J. Winn
31	St. Ives ...	The Mayor ...	E. Boase ...	J. M. Nicholls, C.C.	J. Grenfell
32	Penzance ...	The Mayor ...	T. H. Cornish ...	R. D. Boase ...	N. C. Whear, ASI
33	Padstow ...	R. S. Langford ...	E. C. Williams ...	F. Harvey ...	P. Blake
34	Newquay ...	W. J. North ...	T. Collins ...	A. Hardwick, M.D.	J. Ennor, junr.
35	St. Austell ...	H. S. Hancock ...	H. W. Higman ...	W. Mason ...	J. Samble
36	Redruth... ..	W. M. Martin ...	H. Paige ...	F. Hichens, M.D.	T. W. Joyce
37	Camborne ...	J. Whitworth ...	J. R. Daniell ...	J. T. Thomas ...	J. Williams
38	Phillack ...	C. Ellis, Junr. ...	W. G. Kempthorne	Z. B. Mudge ...	W. Caddy
39	Hayle ...	F. Harvey ...	E. Boase ...	T. Mudge ...	J. Richards
40	Madron ...	T. R. Bolitho ...	A. Taylor ...	R. D. Boase ...	W. N. Matthews
41	Paul	C. Tregenza, C.C.	W. Curnow ...	Do. ...	W. F. Trembath
42	Ludgvan ...	J. S. Corin ...	J. J. Hill ...	H. R. Phillips ...	J. N. Rowe
43	St. Just ...	R. White ...	P. Olds ...	R. G. Nesbitt ...	J. Hodge



CORNWALL COUNTY COUNCIL.

Sanitary Committee

Report for the Year 1905.

VITAL STATISTICS.

POPULATION.

The vital statistical Tables in this Report are still based on the official population as given in the 1901 Census. To attempt, at this distance from the last census, a correct estimate of the County's population by the application of any factor, or of combined factors, would be very difficult and the result unreliable. Undoubtedly the population of some districts—notably Newquay, St. Ives and other rising places has increased since 1901; but, on the other hand, there are grounds for believing it has decreased in others.

The difficulty would be considerably lessened were the interval between the censuses reduced to five years; and, in the opinion of many Medical Officers of Health, it is highly desirable that this should be done for “the effects of efforts to improve the health and prolong the lives of the people can best be measured by the comparison of rates of sickness and of death calculated from the total population.” There being no official estimate of the County's population since the last census, it is, therefore, best for comparison and other purposes still to adhere to the one supplied and which was given in the Report for 1904, viz.:

For the Rural districts	...	...	186,376
„ Urban „	...	...	136,329
For the County as a whole	...	...	322,705

BIRTHS.

There were 7,101 births registered during the year, of which 3,589 were males and 3,512 females, giving a birth-rate of 22 per thousand, against 22·31 for the previous year. The average birth-rate for the last five years is 22·99. The previous five years' average was 23·46. The County's birth-rate in 1901 was 24·47 per thousand, so that in five years it has declined 2·47. If there be any consolation it will be found in the fact that in this respect Cornwall is only experiencing conditions that are general throughout the Country. Whatever may be the causes which are bringing about so undesirable, and may be unnatural state of things, they are beyond the power of Sanitary Authorities to arrest or to prevent. Table 1 shows that in the Rural districts 3,996 births were registered, of which 2,010 were males and 1,986 females, equal to a birth-rate of 21·44 per thousand; and in the Urban portion 3,105, of which 1,579 were males and 1,526 females, equal to a birth-rate of 22·77 per thousand.

The birth-rate in England and Wales in 1905 was 27·2 per thousand, which is 0·7 per thousand below the rate in 1904, and which the Registrar General says is lower than the rate in any other year on record, and for 76 Great Towns 28·2.

DEATHS.

Deaths registered from all causes during the year numbered 5,133—2,581 males and 2,552 females, giving a general death-rate of 15·90 per thousand, against 14·72 for 1904—an increase of 1·18 per thousand on the rate for the previous year. This increase is mainly due to 311 more deaths occurring from Whooping Cough (94), Bronchitis and Pneumonia (139), and all causes (78) than were returned in 1904.

The Rural districts contributed 2,883 deaths—1,438 males and 1,445 females, equal to a death-rate of 15·46 per thousand, against 14·12 last year, and the Urban portion 2,250—1,143 males and 1,107 females, equal to a death-rate of 16·50 per thousand, against 15·54 last year. Table 7 shows that while the Rural districts maintain their advantage over the Urban as to the general death-rate, they have to yield to the latter in regard to the birth-rate, the natural increase rate, the Infantile mortality rate, and the zymotic death-rate.

The average general death-rate for the County for the last 5 years is 15·50 per thousand. The previous 5 years' average was 15·61.

The death-rate for England and Wales in 1905 was 15·2 per thousand, which the Registrar-General says is 1·0 per thousand below the rate in 1904, and lower than the rate in any other year on record, and for 76 Great Towns 15·7. It is singular that Cornwall's death-rate, which is invariably below that of England and Wales, should not have shared in the general improvement. But such is the fact, and there is no getting over it.

AGE AND RELATION TO DEATHS.

Table 2 shows that of the 5,133 deaths, 837 occurred under the age of one year (against 806 last year); 290 between one and five years (against 308 last year); 142 between five and fifteen years (against 126 last year); 247 between fifteen and twenty-five years (against 231 last year); 1,478 between twenty-five and sixty-five

years (against 1,339 last year); and 2,139 amongst persons of sixty-five years and upwards (against 1,942 last year). The table also shows how these deaths were distributed among the Rural and Urban districts respectively.

By eliminating the deaths under 5, and 65 and above, the mortality among the active portion of the County is obtained. It will be seen that there were 1,867 deaths in this division (171 more than last year), giving a death-rate of 5·78 per thousand. The mortality rate of the 1,127 deaths under 5 years (13 more than last year) is 3·49 per thousand, and that of the 2,139 deaths of aged persons (197 more than last year) is 6·62.

ZYMOTIC DEATHS.

Diseases taken as Zymotics for statistical purposes are the following:—Small-pox, Measles, Scarlet Fever, Whooping Cough, Diphtheria and Membranous Croup, Typhus Fever, Enteric or Typhoid Fever, Continued Fever, Cholera and Diarrhœa, and Dysentery. The Zymotic death-rate is calculated upon the number of deaths occurring from these diseases, and Table 3 shows that there were 279 deaths during 1905, giving a Zymotic death-rate of 0·862 per thousand, against 185 and 0·573 per thousand for the previous year—an increase of 33 per cent, for which epidemics of Whooping Cough are responsible. The Zymotic deaths included Small-pox, 1; Measles, 17 (against 39 in 1904); Whooping Cough, 140 (against 46 in 1904); Scarlet Fever, 9 (against 3 in 1904); Diphtheria and Membranous Croup, 29 (against 25 in 1904); Enteric Fever, 15 (against 10 in 1904); Continued Fever, 3 (against 1 in 1904); and Diarrhœa, 64 (against 61 in 1904). There were no deaths from Cholera, but there was 1 from Typhus Fever—the first of the kind we have recorded. Of these 279 zymotic deaths 163 occurred in the Rural districts, and 116 in the Urban, giving a Zymotic death-rate of 0·875 and 0·858 respectively.

The Zymotic death-rate for England and Wales in 1905 was 1·52 per thousand, and for 76 Great Towns 1·88. Cornwall's rate of 0·862, although higher than last year, compares favourably with that of England as a whole.

INFANTILE MORTALITY.

Owing to the epidemics of Whooping Cough the Infantile Mortality rate this year is slightly higher than last year. The number of deaths under one year was 837 (inclusive of 121 premature births), against 806 in 1904, giving a percentage of 16·30 of the total deaths, a death-rate of 2·59 per thousand, and the proportion of 117·87 per thousand births. This is 5·95 greater than last year; but the percentage of the total deaths is better by 0·66.

The relative proportions of the Rural and Urban districts are as follows:—*Rural*, 465 deaths (inclusive of 67 premature births), giving a death-rate of 2·49 per thousand of its population, 16·13 per cent. of its total deaths, and 116·36 per thousand births. *Urban*, 372 deaths (inclusive of 54 premature births), giving a death-rate of 2·72 per thousand of its population, 16·53 per cent. of its total deaths, and 119·80 per thousand births.

The Infantile Mortality rate for England and Wales in 1905 was 128 per thousand births, and for 76 Great Towns 140.

INFECTIOUS DISEASES.

Table 6 shows the number of new cases of Infectious sickness in each district coming to the knowledge of the Medical Officer of Health during 1905. There were no cases of Cholera or of Relapsing Fever reported during the year. In the Rural districts there were notified or ascertained 7 cases of Small-pox, 137 cases of Diphtheria, 2 cases of Membranous Croup, 83 cases of Erysipelas, 506 cases of Scarlet Fever (more than double the number notified the previous year), 1 case of Typhus Fever, 52 cases of Enteric or Typhoid Fever, 1 case of Continued Fever, and 11 cases of Puerperal Fever, making a total of 800 cases, against 509 in 1904, giving a disease-rate of 4·29 per thousand. In the Urban districts 522 cases were reported, against 280 cases last year, giving a disease-rate of 3·82 per thousand, and comprised Diphtheria, 91 cases; Membranous Croup, 1 case; Erysipelas, 86 cases; Scarlet Fever, 304 cases (nearly treble the number reported last year); Enteric or Typhoid Fever, 31 cases; Continued Fever, 4 cases; Puerperal Fever, 4 cases; and Plague, 1 case. Altogether 1,322 cases were notified or ascertained for the whole County, against 789 cases in 1904, giving a disease-rate of 4·09 per thousand—an increase of 1·65 per thousand on the rate for last year. 315 of the cases were under 5 years of age, and 1,007 above.

MEASLES AND WHOOPING COUGH.

From Measles there resulted 17 deaths, against 39 last year. 15 of the deaths occurred in the Rural districts. Whooping Cough was very prevalent throughout the whole of the year and caused 140 deaths, being 101 more than the number reported in 1904, or an increase of 138 per cent. The Rural districts contributed 92 deaths, and the Urban 48. These figures show that these diseases were far more prevalent and fatal in the Rural portion than in the Urban. As these diseases are not notifiable the number of cases cannot be stated, and for the same reason the ratio of percentage of deaths to attacks cannot be given. But from the high number of deaths it may be inferred that the cases must have been exceedingly numerous.

The mortality rates for the whole County are :—Measles, 0·05 per thousand, against 0·12 last year; Whooping Cough, 0·43 per thousand, against 0·13 last year. The large increase of the latter disease has made itself felt on the County's general death-rate; and also on the Infantile mortality rate.

For England and Wales the death-rates from Measles and Whooping Cough are respectively 0·32 and 0·25 per thousand, and for 76 Great Towns 0·39 and 0·29

DIARRHŒA.

The deaths from Diarrhœa numbered 64, against 61 last year; equal to a Diarrhœal death-rate of 0·19 per thousand, which is practically identical with the rate for 1904. In the two previous years the disease was nearly equally divided between the two divisions of the County; but this year the equality is broken—the Urban districts having returned 46 out of the 64 deaths. But there is a similarity in the number of deaths under 5 years. Last year the number was 54; this year it is 55. Improper feeding, neglect and uncleanness are the factors which cause this unnecessary, and therefore ruthless slaughter of the little ones. We repeat what we

said, under this head, in our last Annual Report, that there is a great need of enlightening the poorer inhabitants on the proper methods of rearing and feeding children. Some authorities, on the recommendations of their respective Medical Officers of Health, distribute plainly-worded handbills or pamphlets bearing on the matter; and where this is done there is a marked improvement in the Infantile death-rate. It is desirable that this practice should be general instead of isolated, for hundreds of the poorer mothers are grossly ignorant of their maternal duties in this respect, and in consequence many lives of little children are needlessly sacrificed, and lost to the State, which otherwise might be saved.

The Diarrhoeal death-rate for England and Wales last year was 0·59 per thousand, and for 76 Great Towns 0·83. Cornwall's rate of 0·19, although higher than it should be, again compares very favourably with that of the Country generally.

SCARLET FEVER AND SCARLATINA.

Scarlatina caused 9 deaths in 1905. This is just treble the number of deaths returned in the previous year, and gives a death-rate of 0·02 per thousand. The percentage of deaths to cases is also greater than last year, being 1·11, against 0·87. The cases notified numbered 810—265 more than in 1904. The Rural districts returned 7 deaths, and 506 cases, equal to a death-rate of 0·03 per thousand of its population, and a ratio of 1·38 per cent. of the cases notified. The Urban portion's contribution was 2 deaths, and 304 cases, equal to a death-rate of 0·01 per thousand of its population, and a ratio of 0·65 per cent. of deaths to attacks.

For England and Wales the Scarlet Fever death-rate in 1905 was 0·11 per thousand, and for 76 Great Towns 0·13.

DIPHTHERIA AND MEMBRANOUS CROUP.

Deaths from Diphtheria and Membranous Croup during the year numbered 29, against 25 last year, 29 in 1903, and 56 in 1902. The decline which has been going on since 1902 is therefore arrested. But although this is so, there is still an improvement in the percentage of deaths to attacks which evidences one of two things, or it may be both, the more mildness of the types, or more successful medical treatment. The death rate for the County is 0·08 per thousand, against 0·09 last year, and ratio of 12·55 per cent., against 15·06. The Rural districts reported 17 deaths, equal to a death-rate of 0·09 per thousand of its population, and 139 cases, giving a ratio of 12·23 per cent. The Urban districts reported 12 deaths, equal to a death-rate of 0·08 per thousand of its population, and 92 cases, giving a ratio of 12·93 per cent.

The Diphtheritic death-rate for England and Wales last year was 0·16 per thousand, and for 76 Great Towns 0·16.

ENTERIC OR TYPHOID FEVER.

There were 15 deaths from Enteric Fever during the year—5 more than in the previous year, giving a death-rate of 0·04 per thousand of the population, and a ratio of 18·07 per cent. of the cases notified. The Rural districts contributed 13 deaths, equal to a death-rate of 0·06 per thousand of its population, and 25 per cent.

of the cases notified, and the Urban 2 deaths, equal to a death-rate of 0·01 of its population, and a ratio of 6·05 per cent. of the cases notified. It will thus be seen that Enteric Fever was far more prevalent and fatal in the Rural division of the County than in the Urban, and reverses the conditions of last year, when the number of the cases and also fatalities were about equally divided.

In the Registrar-General's returns the death-rate from Enteric or Typhoid Fever is not shown separately. It is apparently grouped with Continued and Puerperal Fevers, and the death-rate from those combined diseases in 1905 is given as 0·09 per thousand, same as in 1904, and for 76 Great Towns 0·08.

Cornwall's death-rate from the same diseases is 0·06 per thousand, against 0·04 last year. Although it is a little higher, still compares very favourably with the rest of the Country.

SMALL-POX.

In June an outbreak of Small-pox occurred in St. Germans district among navvies employed on the Railway and Reservoir Works just beyond the borders of the county but sleeping within it. The Authorities there by their vigorous action confined the outbreak to the locality in which it first appeared, and prevented it spreading to other parts. There were 6 cases notified with two deaths. The disease was therefore of a very virulent type, and the Authorities are to be congratulated on the success which attended their efforts in grappling with it.

INFLUENZA.

Influenza does not call for much comment. As in 1904, so this year, Cornwall was comparatively free from it. Although 16 more deaths were registered from it this year than last, the disease cannot be said to have been present in epidemic form during the whole of the year. The deaths directly due to Influenza numbered 49, equal to a death-rate of 0·15 per thousand of the population, against 33 and 0·10 respectively for 1904. As last year so this the Rural districts, as is natural they should do, enjoyed a greater immunity from this disease than the Urban, the figures being :—Rural, 17 deaths, death-rate per thousand of its population, 0·09; Urban, 32 deaths, death-rate per thousand of its population, 0·23.

CANCER.

The number of deaths caused by Cancer during the year was 319—an increase of 11 on last year's total, and of 20 on that of 1903. It was hoped that the decline which set in in 1902 would have continued, but it is not so, and the disease seems to have as great a hold as ever. As in previous years, the highest number of deaths occurred in the Rural districts. Tables 3 and 4 show that the distribution and rates were :—

Rural ...	191 deaths ; death-rate 1·02 per thousand.
Urban ...	128 deaths ; death-rate 0·93 per thousand.
County ...	319 deaths ; death-rate 0·98 per thousand.

PHTHISIS.

There is an increase of 17 in the number of deaths registered from Phthisis in 1905, but the total and rate are identical with the figures for 1904. The total this year is 445 and death-rate 1·37 per thousand, against 428 and 1·32 respectively for last year. From other forms of Tuberculosis disease there resulted 120 deaths, against 106 last year. The sexes and age periods of these deaths cannot be stated, as only in a few instances is this information supplied. The average death-rate from Phthisis for the last 5 years is 1·40, which is the same as the previous 5 years' average. In the Rural districts there were 238 deaths registered, equal to a death-rate of 1·27 per thousand of the Rural population, and in the Urban 207, equal to a death-rate of 1·51 per thousand of the Urban population. The advantage, therefore, very properly remains with the Rural portion of the County. But in regard to Other Tubercular diseases the death-rate is the same in the two divisions of the County, viz., 0·37.

ACCIDENTS AND SUICIDES.

Deaths due to violence during the year exceeded the total of the previous year by 37, and were as follows:—From Accidents 137, and from suicides 26, against 101 and 25 respectively in 1904. In the Rural division there were 87 accidents and 18 suicides; and in the Urban 50 accidents and 8 suicides. The percentage of these fatalities to the total deaths is:—For the whole County, 3·17; for the Rural districts, 3·64; and for the Urban, 2·57.

PHYSICAL DETERIORATION.

During the year we issued a special Report on “Alleged Physical Deterioration of the People.” From so high a percentage of men who were rejected by the Army authorities for active service in the late Boer war on account of failing to come up to the reduced standard of the Army Regulations, the opinion was formed that the English race is seriously degenerating. With the view of ascertaining how far this opinion is held and warranted by facts relating to Cornwall in particular, the Earl of Mount Edgcumbe, as Chairman of the County Council, drew up a set of questions bearing on the subject, and submitted them to the various Medical Practitioners in Cornwall, and asked for replies thereto. In response to his Lordship's appeal 49 answers were sent in. By the information these replies afforded there is conclusive evidence of some amount of physical and mental deterioration of the people; but it is questionable whether it is more pronounced in Cornwall than in other Counties.

As regards physical degeneration the principal causes are (1) Immorality producing syphilis; (2) excessive use of alcoholic stimulants; (3) the pernicious habit of smoking by boys, producing bad effects, especially under 15 years of age; (4) inter-marrying, early marriages, and spending money on dress instead of on good food, and the marriages of people physically and mentally unfit to marry; (5) injudicious feeding of infants on artificial food instead of on their natural and proper diet. The sending of young children long distances to school at which they often arrive in bad weather cold and wet, and in which wretched condition they sit for hours is attended by serious consequences, both physically and mentally. The fact, too, that a large number of the best and strongest men go abroad, leaving the poorest and weakest behind is a circumstance likely to have a special influence in Cornwall.

Respecting mental deterioration the contributing causes are given as tension of business; living too fast a life and beyond income; over-anxiety for body and soul; intermarrying, improvident marriages, and marriages of mentally unfit people; religious excitement; alcohol; syphilis; patent medicines; means for preventing pregnancy; unsuitable education and want of parental control.

METEOROLOGY.

RAINFALL.—The mean total rainfall for 1905 was 33·96 inches, against 42·45 inches in 1904. The average of the 5 years ending December 31st was 39·62 inches. The previous 5 years' average was 41·82 inches. The total rainfall registered at Greenwich was 23·03 inches, against 20·67 inches in 1904. The highest amount of rainfall was at Bodmin (Castle Street)—44·71 inches, and the lowest at Newquay (23·64 inches).

TEMPERATURE.—The mean temperature for 1905 for the whole County was 50·85 degrees, against 51·00 degrees for 1904, and 51·17 degrees for 1903. The mean temperature at Greenwich was 49·9 degrees, against 49·8 degrees for 1904. By Table 13 it will be seen that Cornwall's mean temperature for the winter months was 45·06 degrees, against 44·93 degrees for 1904; and for the summer months 56·63 degrees, against 57·08 degrees for 1904. The highest mean temperature occurred in July (63·56 degrees), and the lowest in January (42·93 degrees). The mean daily range of temperature was 11·50, ranging from 15·32 degrees in May to 7·79 degrees in December. The mean absolute extremes of temperature ranged from 77·6 degrees in July to 28·0 degrees in November. The highest mean temperature for the year was at the Lizard Lights (53·95 degrees), and the lowest at Pencarrow (48·13 degrees).

HUMIDITY.—The relative humidity of the air was 81 per cent., against 82 per cent in 1904, and ranged from 86 in December to 77 in April, May, and August.

SUNSHINE.—The total hours of bright sunshine recorded at seven stations numbered 12,021, giving an average of 1,717 hours to each station. The previous year's total was 11,543 hours, and average 1,649. The highest recorded was at Penzance (1,791), and the lowest at Plymouth (1,621).

Signed on behalf of the Committee.

JOHN R. de C. BOSCAWEN,

CHAIRMAN.

TRURO, May, 1906.

BIRTHS AND DEATHS, 1905.

Table No. 1.

No. of District in Report.	SANITARY DISTRICT.	Population, 1901.	BIRTHS.			Birth-rate per 1,000.	DEATHS.			Death-rate per 1,000.	Natural Increase.	Deaths under 1 year per 1,000 births.	Zymotic Death-rate per 1,000 of the population.
			Male.	Female.	TOTAL.		Male.	Female.	TOTAL.				
RURAL.													
1	Stratton ..	5,008	60	64	124	24·76	28	53	81	16·17	43	88·70	0·798
2	Launceston ..	7,797	70	89	159	20·39	50	52	102	13·08	57	81·76	0·256
3	Calstock ..	5,874	73	80	153	26·04	58	44	102	17·36	51	84·96	0·340
4	Boscastle ..	2,176	28	12	40	18·38	13	11	24	11·02	16	150·00	1·838
5	Camelford ..	5,012	69	54	123	24·54	46	45	91	18·15	32	178·86	1·995
6	Liskeard ..	15,674	187	163	350	22·33	126	125	251	16·01	99	74·28	1·148
7	St. Germans ..	14,386	165	131	296	20·57	96	78	174	12·09	122	91·55	1·042
8	Bodmin ..	10,393	91	105	196	18·81	83	75	158	15·20	38	183·67	0·769
9	St. Columb ..	10,747	133	127	260	24·19	81	76	157	14·69	103	107·70	0·465
10	St. Austell ..	29,597	358	382	740	25·00	231	223	454	15·33	286	140·54	1·351
11	Truro ..	22,062	209	204	413	18·71	170	196	366	16·58	47	99·27	0·181
12	Redruth ..	18,383	208	195	403	21·92	158	164	322	17·51	81	121·58	0·810
13	East Kerrier ..	8,192	65	65	130	15·86	69	71	140	17·06	-10	192·30	0·366
14	Helston ..	17,685	163	179	342	19·33	129	142	271	15·32	71	105·26	1·130
15	West Penwith ..	11,298	110	119	229	20·26	78	76	154	13·63	75	104·84	1·062
16	Scilly Isles ..	2,092	21	17	38	18·16	22	14	36	17·21	2	105·26	0·478
		186,376	2010	1986	3996	21·44	1438	1445	2883	15·46	1113	116·36	0·875
URBAN.													
17	Callington ..	1,714	19	20	39	22·75	14	21	35	20·42	4	71·79	Nil
18	Stratton & Bude ..	2,308	27	34	61	26·42	25	16	41	17·76	20	131·14	0·866
19	Launceston ..	4,053	36	39	75	18·50	35	35	70	17·27	5	80·00	0·741
20	Liskeard ..	4,010	36	44	80	19·95	40	55	95	23·69	-15	137·50	Nil
21	Torpoint ..	4,104	69	66	135	32·89	28	26	54	13·19	81	59·25	0·243
22	Looe ..	2,548	38	26	66	25·90	17	20	37	14·52	29	90·90	Nil
23	Saltash ..	3,357	44	39	83	24·75	30	23	53	15·78	30	48·19	1·191
24	Bodmin ..	5,353	59	46	105	19·61	78	69	147	27·46	-42	95·23	0·560
25	Lostwithiel ..	1,331	17	16	33	24·79	12	6	18	13·52	15	60·60	0·751
26	Wadebridge ..	2,186	31	16	47	21·50	9	11	20	9·14	27	42·55	0·457
27	Truro City ..	11,557	124	115	239	20·67	96	88	184	15·92	55	117·15	0·605
28	Penryn ..	3,190	30	29	59	18·49	24	37	61	19·12	-2	118·64	0·940
29	Falmouth ..	11,789	110	116	226	19·17	112	82	194	16·45	32	163·71	0·763
30	Helston ..	3,088	42	27	60	22·31	25	46	71	22·99	-2	72·46	1·615
31	St. Ives ..	6,699	114	85	199	29·70	39	51	90	13·43	109	80·40	0·746
32	Penzance ..	13,136	126	136	262	19·94	96	108	204	15·52	58	167·93	1·827
33	Padstow ..	1,566	14	13	27	17·24	19	10	29	18·51	-2	74·07	Nil
34	Newquay ..	3,115	28	28	56	17·97	18	28	46	14·74	10	125·00	0·642
35	St. Austell ..	3,340	30	37	67	20·05	27	29	56	16·76	11	104·47	1·197
36	Redruth ..	10,451	129	127	256	24·49	86	72	158	15·11	98	160·15	0·669
37	Camborne ..	14,726	162	179	341	23·15	124	96	220	14·93	121	120·23	0·475
38	Phillack ..	3,881	56	55	111	28·60	33	33	66	17·00	45	135·13	1·036
39	Hayle ..	1,084	8	12	20	18·45	9	7	16	14·76	4	50·00	2·767
40	Madron ..	3,486	45	38	83	23·80	28	29	57	16·32	26	96·38	1·431
41	Paul ..	6,332	88	86	174	27·46	56	47	103	16·26	71	132·18	0·631
42	Ludgvan ..	2,274	28	30	58	25·50	18	23	41	18·02	17	86·20	0·439
43	St. Just ..	5,646	67	67	134	23·73	45	39	84	14·87	50	186·04	1·948
		136,329	1579	1526	3105	22·77	1143	1107	2250	16·50	856	119·80	0·858
Rural ..		186,376	2010	1986	3996	21·44	1438	1445	2883	15·46	1113	116·36	0·875
Urban ..		136,329	1579	1526	3105	22·77	1143	1107	2250	16·50	856	119·80	0·858
County ..		322,705	3589	3512	7101	22·00	2581	2552	5133	15·90	1969	117·87	0·862

NOTE—The following deaths in Workhouses, Infirmaries, Asylums, &c., are included in the above Table :—
 Launceston (Rural) 11; Calstock, 7; Camelford, 3; St. Columb, 7; Truro (Rural) 41; Redruth (Rural) 23; East Kerrier, 21; Stratton and Bude, 6; Liskeard (Urban) 22; Torpoint, 18; Bodmin (Urban) 82; Truro City, 17; Helston (Urban) 25; Penzance, 9; St. Austell (Urban) 20; Redruth (Urban) 6; Madron, 23. Total, 341.

MORTALITY FROM ALL CAUSES

at subjoined Ages—1905.

Table No. 2.

No. of District in Report.	SANITARY DISTRICT.	Population, 1901.	Deaths at all ages.	Rate per 1,000.	Under 1 year.	Rate per 1,000.	1 and under 5.	Rate per 1,000.	5 and under 15.	Rate per 1,000.	15 and under 25.	Rate per 1,000.	25 and under 65.	Rate per 1,000.	65 and over.	Rate per 1,000.
RURAL.																
1	Stratton ..	5,008	81	16·17	11	2·19	7	1·39	2	0·39	6	1·20	20	3·99	35	6·98
2	Launceston ..	7,797	102	13·08	13	1·66	5	0·64	4	0·51	5	0·64	30	3·84	45	5·78
3	Calstock ..	5,874	102	17·36	13	2·21	6	1·02	2	0·34	6	1·02	37	6·29	38	6·46
4	Bosecastle ..	2,176	24	11·02	6	2·75	3	1·38	..	..	..	..	6	2·75	9	4·13
5	Camelford ..	5,012	91	18·15	22	4·38	5	0·99	1	0·19	2	0·39	21	4·19	40	7·98
6	Liskeard ..	15,674	251	16·01	26	1·65	18	1·14	15	0·95	12	0·76	55	3·50	125	7·97
7	St. Germans ..	14,386	174	12·09	27	1·87	12	0·83	8	0·55	12	0·83	40	2·78	75	5·21
8	Bodmin ..	10,393	158	15·20	36	3·46	3	0·29	4	0·38	8	0·76	50	4·81	57	5·48
9	St. Columb ..	10,747	157	14·60	28	2·60	7	0·67	9	0·83	3	0·27	31	2·88	79	7·35
10	St Austell ..	29,597	454	15·33	104	3·51	37	1·25	19	0·64	16	0·54	124	4·15	154	5·20
11	Truro ..	22,062	366	16·58	41	1·85	13	0·58	9	0·40	19	0·86	104	4·71	180	8·15
12	Redruth ..	18,383	322	17·51	49	2·66	20	1·08	5	0·27	13	0·70	124	6·73	111	6·03
13	East Kerrier ..	8,192	140	17·06	25	3·05	2	0·24	5	0·60	7	0·85	35	4·27	66	8·05
14	Helston ..	17,685	271	15·32	36	2·03	21	1·18	8	0·45	13	0·73	89	5·03	104	5·87
15	West Penwith ..	11,298	154	13·63	24	2·12	8	0·70	4	0·35	12	1·06	45	3·98	61	5·39
16	Scilly Isles ..	2,092	36	17·21	4	1·91	2	0·95	..	..	4	1·91	8	3·82	18	8·60
		186,376	2,883	15·46	465	2·49	169	0·90	95	0·50	138	0·74	819	4·34	1197	6·42
URBAN.																
17	Callington ..	1,714	35	20·42	3	1·75	1	0·58	..	..	3	1·75	11	6·41	17	9·92
18	Stratton & Bude	2,308	41	17·76	8	3·46	2	0·86	1	0·43	2	0·86	13	5·63	15	6·49
19	Launceston ..	4,053	70	17·27	6	1·47	2	0·49	1	0·24	7	1·72	17	4·19	37	9·12
20	Liskeard ..	4,010	95	23·69	11	2·74	3	0·74	4	0·99	..	..	22	5·48	55	13·71
21	Torpoint ..	4,104	54	13·19	8	1·94	1	0·24	..	..	4	0·97	22	5·36	19	4·64
22	Looe ..	2,548	37	14·52	6	2·35	1	0·39	2	0·78	1	0·39	9	3·52	18	7·06
23	Saltash ..	3,357	53	15·78	4	1·19	9	2·68	4	1·19	1	0·29	15	4·47	20	5·95
24	Bodmin .. (including Gaol and Asylum)	5,353	147	27·46	10	1·86	..	..	..	..	4	0·74	23	5·23	105	19·61
	Do. excluding do.	(4,090)	(66)	(16·13)	(10)	2·44	..	..	..	..	(4)	(0·97)	(28)	(6·84)	(24)	(5·87)
25	Lostwithiel ..	1,331	18	13·52	2	1·50	..	..	1	0·75	2	1·50	4	3·00	9	6·76
26	Wadebridge ..	2,186	20	9·14	2	0·91	..	..	..	..	1	0·45	7	3·20	10	4·57
27	Truro City ..	11,557	184	15·92	28	2·42	13	1·13	3	0·25	14	1·21	49	4·23	77	6·66
28	Penryn ..	3,190	61	19·12	7	2·19	7	2·19	..	..	2	0·62	22	6·89	23	7·21
29	Falmouth ..	11,789	194	16·45	37	3·13	17	1·44	6	0·50	8	0·67	60	5·08	66	5·59
30	Helston ..	3,088	71	22·90	5	1·61	3	0·97	2	0·64	3	0·97	20	6·47	38	12·35
31	St. Ives ..	6,699	90	13·43	16	2·38	4	0·59	2	0·29	3	0·44	26	3·88	39	5·82
32	Penzance ..	13,136	204	15·52	44	3·34	6	0·43	3	0·22	11	0·83	55	4·18	85	6·47
33	Padstow ..	1,566	29	18·51	2	1·27	1	0·63	1	0·63	2	1·27	11	7·03	12	7·66
34	Newquay ..	3,155	46	14·74	7	2·24	..	..	2	0·64	1	0·32	16	5·12	20	6·42
35	St. Austell ..	3,340	56	16·76	7	2·09	5	1·49	2	0·59	1	0·29	16	4·78	25	7·48
36	Redruth ..	10,451	158	15·11	41	3·92	6	0·57	2	0·19	7	0·66	58	5·54	44	4·21
37	Camborne ..	14,726	220	14·93	41	2·78	11	0·73	3	0·20	11	0·73	81	5·50	73	4·95
38	Phillack ..	3,881	66	17·00	15	3·86	4	1·03	..	..	4	1·03	23	5·92	20	5·15
39	Hayle ..	1,084	16	14·76	1	0·92	4	3·69	1	0·92	1	0·92	6	5·53	3	2·76
40	Madron ..	3,486	57	16·32	8	2·29	6	1·72	..	..	2	0·57	9	2·57	32	9·17
41	Paul ..	6,332	103	16·26	23	3·63	4	0·63	3	0·47	7	1·10	29	4·57	37	5·84
42	Ludgvan ..	2,274	41	18·02	5	2·18	3	1·31	2	0·87	3	1·31	12	5·27	16	7·04
43	St. Just ..	5,646	84	14·87	25	4·42	8	1·41	2	0·35	4	0·70	18	3·18	27	4·78
		136,329	2,250	16·50	372	2·72	121	0·88	47	0·34	109	0·79	659	4·83	942	6·90
		186,376	2,883	15·46	465	2·49	169	0·90	95	0·50	138	0·74	819	4·34	1197	6·42
		136,329	2,250	16·50	372	2·72	121	0·88	47	0·34	109	0·79	659	4·83	942	6·90
County		322,705	5,133	15·90	837	2·59	290	0·89	142	0·44	247	0·76	1478	4·54	2139	6·62

NOTE.—Deaths in Workhouses, Infirmaries, Asylums, &c., are included in the above as per details at foot of preceding Table. This accounts for the high death-rate of some districts—notably Truro (Rural), Redruth (Rural), East Kerrier, Liskeard (Urban), Bodmin (Urban), Helston (Urban), and Madron.

MORTALITY FROM SUBJOINED CAUSES, 1905.

Table No. 3.

No. of District in Report.	SANITARY DISTRICT.	Small Pox.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria & Memb. Croup.	Typhus Fever.	Enteric Fever.	Other Continued Fever.	Epidemic Influenza.	Cholera.	Plague.	Diarrhoea.	Enteritis.	Puerperal Fever.	Erysipelas.	Other Septic Diseases.	Phthisis.	Other Tubercular Diseases.	Cancer, Malignant Disease.	Bronchitis.	Pneumonia.	Pleurisy.	Other Diseases of Respiratory Organs.	Alcoholism, Cirrhosis of Liver.	Veneral Disease.	Premature Birth.	Diseases and Accidents of Parturition.	Heart Disease.	Accidents.	Suicides.	All other Diseases and Causes.	Total Deaths.	Total Death-rate per 1,000 of the Population.	Zymotic Deaths.	Zymotic Death-rate per 1,000 of the Population.		
	RURAL.	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
1	Stratton		4														1	5	10	5	2	14					2		8			1	43	81	16.17	4	0.798	
2	Launceston				1								1					15	4	7	11	11		1			4	2	16	5	1	33	102	13.08	2	0.256		
3	Calstock					1		1		1				1				2	1	3	1	2					1	1	10	3		34	102	17.36	2	0.340		
4	Boscastle				4													2	1	3	1	2							3		1	7	24	11.02	4	1.838		
5	Camelford				9								1					4	1	4	5	3		2				4	1	6	3	1	46	91	18.15	10	1.995	
6	Liskeard		6	4	6	1	1		1					3				20	8	16	31	19	2	7		2	6	4	15	3	96	251	16.01	18	1.148			
7	St. Germans	1	3	1	3	2		2		1			3		3		1	11	5	16	21	11	1		4		2		14	10	3	59	174	12.09	15	1.042		
8	Bodmin				4			1		1			2	1		2		6	5	11	14	8			1		2		23	5	2	69	158	15.20	8	0.769		
9	St. Colomb				3	2		2		2								9	1	7	16	14	1	1			5	2	12	4		78	157	14.60	5	0.465		
10	St. Austell		2	2	28	5		2		2				1	3		5	36	21	23	47	21	2		5	1	11	2	46	14	3	172	454	15.33	40	1.351		
11	Truro				3	1								2				31	5	27	29	16	1	3			7		60	6	2	169	366	16.58	4	0.181		
12	Redruth				10	1		2		2			2	4	1			43	6	21	29	30	2				11	3	31	9	1	114	322	17.51	15	0.810		
13	East Kerrier				1	1								1	3			11	2	5	12	10		2	2		4	1	12	3		70	140	17.06	3	0.366		
14	Helston				15	2		2		1			1					26		29	15	20			1		5		36	8	2	108	271	15.32	20	1.130		
15	West Penwith				5			2					5					7	4	13	9	7					2		14	12		74	154	13.63	12	1.062		
16	Scilly Isles												1					2	1		2	3			1		1		2	2	1	19	36	17.21	1	0.478		
		1	15	7	92	17	1	13	17				18	17	2	4	6	238	69	191	262	181	10	16	14	4	67	17	308	87	18	1191	2883	15.46	163	0.875		
	URBAN.																																					
17	Callington																1	1	1	1	4	5		1					2		1	18	35	20.42	Nil			
18	Stratton & Bude	1			1													3	3	4	3	1						3		9	2		11	41	17.76	2	0.866	
19	Launceston				3					1						1		8	1	5	4	1	1					2		15	2		25	70	17.27	3	0.741	
20	Liskeard																	3	5	3	7	7	1				2		13	2		49	95	23.69	Nil			
21	Torpoint												1	3				8	1	5	4	2	2		2				7	2		16	54	13.19	1	0.243		
22	Looe																	2	2	4						1		1		5	2		20	37	14.52	Nil		
23	Saltash			2		1		1										2		3	5	5				1			7	2		24	53	15.78	4	1.191		
24	Bodmin				2					3								20	1	2	1	12							23	1		81	147	27.46	3	0.560		
25	Lostwithiel												1	1				3	1	3	1											8	18	13.52	1	0.751		
26	Wadebridge												1	1							4	1						1	1	1			10	20	9.14	1	0.457	
27	Truro City				2	1			1	1			3		1		1	15		13	37							6		23	4	1	75	184	15.92	7	0.605	
28	Penryn				2									1	1			5		6	6	7							5			27	61	19.12	3	0.940		
29	Falmouth				4	4	1		1	7								13	10	6	11	12			3		5	2	29	12	3	70	194	16.45	9	0.763		
30	Helston				2								2					3	4	4	6	2					2		6	1		36	71	22.99	5	1.615		
31	St. Ives				4									1	4			8	1	4	3	4					1	2		9			46	90	13.43	5	0.746	
32	Penzance				6	1				2			17	7		1	3	13	3	11	17	15	1	4	2		3	1	18	3		76	204	15.52	24	1.827		
33	Padstow																	5	2	1	1	6	1						1	2		10	29	18.51	Nil			
34	Newquay				2					2								3	1	3	4	2						1	1	7			19	46	14.74	2	0.692	
35	St. Austell				3			1		1								5	1	3	3	5					2		9			23	56	16.76	4	1.197		
36	Redruth				6					1								22		8	15	7					10		11			77	158	15.11	7	0.669		
37	Camborne				1	4				6			2	8		1	2	39	6	16	26	9	1				4	1	23	11		60	220	14.93	7	0.475		
38	Phillack				2								2					1	7	3	3	2	1		1		2	1	4	1		36	66	17.00	4	1.036		
39	Hayle				2								1											1						4	1		6	16	14.76	3	2.767	
40	Madron				1					2			1					2		2	2	8		2	1				1	5			26	57	16.32	5	1.431	
41	Paul												4	2				4	2	10	6	6			1		1	1	13	2		48	103	16.26	4	0.631		
42	Ludgvan				1													1	1	4	2	4	1	1			1	1	5			19	41	18.02	1	0.439		
43	St. Just				4	1							5	1				11	2	4	2	8			2		6	1	9			1	26	84	14.87	11	1.948	
	RURAL	1	15	7	92	17	1	13	17				18	17	2	4	6	238	69	191	262	181	10	16	14	4	67	17	308	87	18	1191	2883	15.46	163	0.875		
	URBAN	2	2	48	12	1	1	2	3	32			46	32	3	4	10	207	51	128	176	130	8	10	13	1	54	11	263	50	8	942	2250	16.50	116	0.858		
	COUNTY	1	17	9	140	29	2	15	3	49			64	49	5	8	16	445	120	319	438	311	18	26	27	5	121	28	571	137	26	2133	5133	15.90	279	0.862		

NOTE—Diseases marked Z at top of column are counted Zymotics

MORTALITY RATES.

Per 1,000 of the Population in all Tabulated Diseases.—1905.

Table No. 4.

No. of District in Report.	SANITARY DISTRICT.	Small Pox.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria & Memb. Croup.	Croup.	Typhus Fever.	Enteric Fever.	Other Continued Fever.	Epidemic Influenza.	Cholera.	Plague.	Diarrhoea.	Enteritis.	Puerperal Fever.	Erysipelas.
	RURAL.	Z	Z	Z	Z	Z		Z	Z	Z		Z	Z	Z			
1	Stratton ..	..	0·79	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	Launceston ..	..	..	..	0·12	..	..	..	..	..	0·38	..	..	0·12	..	..	..
3	Calstock ..	..	..	..	..	0·17	..	..	0·17	..	0·17	..	..	..	0·17	..	..
4	Boscastle ..	..	..	..	1·85	..	..	..	..	..	..	..	..	..	..	..	..
5	Canelford ..	..	..	..	1·79	..	..	..	..	..	..	..	..	0·19	..	..	0·19
6	Liskeard ..	..	0·38	0·25	0·38	0·06	0·06	..	0·06	..	..	..	..	..	0·19	..	..
7	St. Germans ..	0·06	0·20	0·06	0·20	0·14	..	..	0·14	..	0·06	..	..	0·20	..	..	0·06
8	Bodmin ..	..	..	..	0·38	0·09	..	..	0·09	..	0·09	..	..	0·19	0·09	..	0·19
9	St. Columb ..	..	..	..	0·27	0·18	..	..	..	..	0·18	..	..	..	..	..	..
10	St. Austell ..	..	0·06	0·06	0·94	0·16	..	..	0·06	..	0·06	..	..	0·03	0·10	..	..
11	Truro ..	..	..	..	0·13	0·04	..	..	..	..	0·18	..	..	..	0·09	..	..
12	Redruth ..	..	..	..	0·54	0·05	..	..	0·11	..	0·11	..	..	0·11	0·22	0·05	..
13	East Kerrier ..	..	..	..	0·12	0·12	..	..	..	..	..	..	..	0·12	0·36	..	..
14	Helston ..	..	..	..	0·84	0·11	..	..	0·11	..	0·05	..	..	0·05	..	..	..
15	West Penwith ..	..	..	..	0·44	..	..	..	0·17	..	..	..	..	0·44	..	..	..
16	Scilly Isles ..	..	..	..	..	..	..	..	..	..	..	..	..	0·47	..	0·47	..
		0·00	0·08	0·03	0·49	0·09	0·00	0·00	0·06	0·00	0·09	0·00	0·00	0·09	0·09	0·01	0·02
	URBAN.																
17	Callington ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
18	Stratton & Bude ..	..	0·43	0·43	..	..	..	..	..	..	..	..	..	..	..	..	..
19	Launceston ..	..	..	..	0·74	..	..	..	..	..	0·24	..	..	..	..	0·24	..
20	Liskeard ..	..	..	..	..	..	..	..	..	..	..	..	..	..	0·48	..	0·24
21	Torpoint ..	..	..	..	..	..	..	..	..	..	0·24	..	..	0·24	0·73	..	..
22	Looe ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
23	Saltash ..	..	..	0·59	..	0·29	..	..	0·29	..	..	..	..	..	..	..	..
24	Bodmin ..	..	..	..	0·37	..	..	..	..	..	0·55	..	..	0·18	..	..	..
25	Lostwithiel ..	..	..	..	..	..	..	..	..	..	..	..	..	0·75	0·75	..	..
26	Wadebridge ..	..	..	..	..	..	..	..	..	..	..	..	..	0·45	0·45	..	..
27	Truro ..	..	..	..	0·17	0·08	..	..	..	0·08	0·08	..	..	0·25	..	0·08	..
28	Penryn ..	..	..	..	0·62	..	..	..	0·31	..	..	..	..	..	0·31	0·31	..
29	Falmouth ..	..	..	..	0·33	0·33	0·08	..	..	0·08	0·59	..	..	..	0·08	..	..
30	Helston ..	..	..	..	0·64	..	..	0·32	..	..	0·64	..	..	0·64	..	..	..
31	St. Ives ..	..	..	..	0·59	..	..	..	..	..	0·44	..	..	0·14	0·59	..	..
32	Penzance ..	..	..	..	0·45	0·07	..	..	..	..	0·15	..	..	1·29	0·53	..	0·07
33	Padstow ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
34	Newquay ..	..	..	..	0·64	..	..	..	..	..	0·64	..	..	..	..	..	0·32
35	St. Austell ..	..	..	..	0·89	..	..	..	0·29	..	0·29	..	..	..	..	..	..
36	Redruth ..	..	..	..	0·57	..	..	..	..	..	0·09	..	..	0·09	..	..	..
37	Camborne ..	..	..	..	0·06	0·26	..	..	..	..	0·41	..	..	0·13	0·54	..	0·06
38	Phillack ..	..	..	..	0·51	..	..	..	..	..	..	..	..	0·51	..	..	..
39	Hayle ..	..	..	..	1·84	..	..	..	..	..	..	..	..	0·92	..	..	..
40	Madron ..	..	..	..	0·28	..	..	..	..	..	0·57	..	..	1·14	0·28	..	..
41	Paul ..	..	..	..	0·43	..	..	..	..	..	..	..	..	0·63	0·31	..	..
42	Ludgvan ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
43	St. Just..	..	0·17	..	0·70	0·17	..	..	..	..	..	..	..	0·88	0·17	..	..
		0·00	0·01	0·01	0·35	0·08	0·00	0·00	0·01	0·02	0·23	0·00	0·00	0·33	0·23	0·02	0·03
	Rural ..	0·00	0·08	0·03	0·49	0·09	0·00	0·00	0·06	0·00	0·09	0·00	0·00	0·09	0·09	0·01	0·02
	Urban ..	0·00	0·01	0·01	0·35	0·08	0·00	0·00	0·01	0·02	0·23	0·00	0·00	0·33	0·23	0·02	0·03
	County ..	0·00	0·05	0·02	0·43	0·08	0·00	0·00	0·04	0·01	0·15	0·00	0·00	0·19	0·15	0·01	0·02

NOTE.—The total death-rate from all causes for the whole County was 15·90 per 1,000 of the population. The Zymotic death-rate was 0·862 per 1,000.

MORTALITY RATES.

Per 1,000 of the Population in all Tabulated Diseases.—1905.

Table No. 4—*continued.*

Other Septic Diseases.	Phthisis.	Other Tubercular Diseases.	Cancer.	Bronchitis.	Pneumonia.	Pleurisy.	Other Diseases of Respiratory Organs.	Alcoholism, Cirrhosis of Liver.	Veneral Disease.	Premature Birth.	Diseases and Accidents of Parturition.	Heart Disease.	Accidents.	Suicides.	All other Causes.	SANITARY DISTRICT.	No. of District in Report.
RURAL.																	
0·19	0·99	..	3·39	2·79	..	..	..	..	..	0·39	0·19	1·59	..	0·19	8·58	Stratton ..	1
..	1·28	0·64	0·89	0·77	0·77	0·12	1·12	..	..	0·51	0·25	2·05	0·64	0·12	4·23	Launceston ..	2
..	2·55	0·68	1·19	1·87	1·87	..	..	..	0·17	0·17	0·17	1·70	0·51	..	5·78	Calstock ..	3
..	0·92	0·45	1·38	0·45	0·92	..	..	..	..	..	..	1·38	..	0·45	3·21	Boscastle ..	4
..	0·79	0·19	0·79	0·99	0·59	..	0·39	..	..	0·79	6·19	1·19	0·59	0·19	9·19	Camelford ..	5
..	1·27	0·51	1·02	1·97	1·21	0·12	0·44	..	0·12	0·38	0·25	0·95	0·19	..	6·12	Liskeard ..	6
..	0·76	0·34	1·11	1·45	0·76	0·06	..	0·28	..	0·14	..	0·97	0·70	0·21	4·09	St. Germans ..	7
..	0·58	0·48	1·06	1·34	0·76	..	..	0·09	..	0·19	..	2·21	0·48	0·19	6·63	Bodmin ..	8
..	0·83	0·09	0·67	1·48	1·30	0·09	..	..	..	0·46	0·18	1·12	0·37	..	7·26	St. Columb ..	9
0·16	1·21	0·70	0·76	1·58	0·70	0·06	..	0·16	0·03	0·37	0·06	1·55	0·47	0·10	5·81	St. Austell ..	10
..	1·40	0·22	1·22	1·31	0·72	0·04	0·13	..	..	0·31	..	2·71	0·27	0·09	7·66	Truro ..	11
..	2·34	0·32	1·14	1·57	1·62	0·11	..	..	..	0·59	0·16	1·67	0·49	0·05	6·20	Redruth ..	12
..	1·34	0·24	0·60	1·46	1·22	..	0·24	0·24	..	0·48	0·12	1·46	0·36	..	5·54	East Kerrier ..	13
..	1·47	..	1·64	0·84	1·12	..	..	0·05	..	0·28	..	2·03	0·45	0·11	6·10	Helston ..	14
..	0·61	0·35	1·15	0·79	0·61	..	..	..	..	0·17	..	1·23	1·06	..	6·54	West Penwith ..	15
..	0·95	0·47	..	0·95	1·43	..	..	04·7	..	0·47	..	0·95	0·95	0·47	9·08	Scilly Islands ..	16
0·03	1·27	0·37	1·02	1·40	0·97	0·05	0·08	0·07	0·02	0·35	0·09	1·65	0·46	0·09	6·33	URBAN.	
0·58	0·58	0·58	0·58	2·33	2·91	..	0·58	..	..	..	..	1·16	..	0·58	10·50	Callington ..	17
..	1·29	1·29	1·73	1·29	0·43	..	..	..	..	1·29	..	3·89	0·86	..	4·76	Stratton & Bude ..	18
0·24	1·97	0·24	1·23	0·98	0·24	0·24	..	..	..	0·49	..	3·70	0·49	..	6·14	Launceston ..	19
..	0·74	1·22	0·74	1·74	1·74	0·24	..	..	..	0·48	..	3·24	0·48	..	12·21	Liskeard ..	20
..	1·94	0·24	1·21	0·97	0·48	0·48	..	0·48	..	..	..	1·74	0·48	..	3·89	Torpoint ..	21
..	0·78	0·78	1·57	..	..	..	..	0·39	..	0·39	..	1·96	0·78	..	7·84	Looe ..	22
..	0·59	..	0·89	1·48	1·48	..	..	0·29	..	..	..	2·08	0·59	..	7·14	Saltash ..	23
..	3·72	0·18	0·37	0·18	2·23	..	..	..	..	..	..	4·29	0·18	..	15·13	Bodmin ..	24
..	2·25	0·75	2·25	0·75	..	..	..	..	..	..	..	..	..	..	6·01	Lostwithiel ..	25
..	..	..	..	1·82	0·45	..	..	..	..	0·45	0·45	0·45	..	..	4·57	Wadebridge ..	26
0·08	1·29	..	1·13	3·20	..	..	..	..	..	0·51	..	1·99	0·34	0·08	6·48	Truro City ..	27
..	1·56	..	1·87	1·87	2·19	..	..	..	..	..	..	1·56	..	..	8·46	Penryn ..	28
..	1·10	0·84	0·50	0·92	1·01	..	..	0·25	..	0·42	0·16	2·46	1·01	0·25	5·93	Falmouth ..	29
..	0·97	1·29	1·29	0·64	..	..	..	..	..	0·64	..	1·94	0·32	..	11·65	Helston ..	30
..	1·19	0·14	0·59	0·44	0·59	..	..	..	0·14	0·29	..	1·34	..	..	6·86	St. Ives ..	31
0·22	0·98	0·22	0·83	1·29	1·14	0·07	0·30	0·15	..	0·22	0·07	1·37	0·22	..	5·78	Penzance ..	32
..	3·18	1·27	0·63	0·63	3·83	0·63	..	..	..	..	..	0·63	1·27	..	6·37	Padstow ..	33
..	0·96	0·32	0·96	1·28	0·64	..	..	..	..	0·32	0·32	2·24	..	..	6·08	Newquay ..	34
..	1·49	0·29	0·89	0·89	1·49	..	..	..	..	0·59	..	2·68	..	..	6·88	St. Austell ..	35
..	2·10	..	0·76	1·42	0·66	..	..	..	..	0·95	..	1·05	..	..	7·36	Redruth ..	36
0·13	2·64	0·41	1·08	1·76	0·61	0·06	..	..	..	0·26	0·06	1·56	0·73	..	4·07	Camborne ..	37
0·25	1·80	0·77	0·77	0·51	0·25	..	0·25	..	..	0·51	0·25	1·03	0·25	..	9·27	Phillack ..	38
..	0·92	..	..	..	..	..	0·92	..	..	..	..	3·69	0·92	..	5·53	Hayle ..	39
..	0·57	..	0·57	0·57	2·29	..	0·57	0·28	..	..	0·28	1·42	..	..	7·47	Madron ..	40
0·15	0·63	0·31	1·57	0·94	0·94	..	..	0·15	..	0·15	0·15	2·05	0·31	0·31	7·58	Paul ..	41
..	0·43	0·43	1·75	0·87	1·75	0·43	0·43	..	..	0·43	0·43	2·18	..	..	8·34	Ludgvan ..	42
..	1·94	0·35	0·71	0·35	1·41	..	..	0·35	..	1·05	0·17	1·60	..	0·17	4·61	St. Just ..	43
0·07	1·51	0·37	0·93	1·29	0·95	0·06	0·07	0·09	0·00	0·39	0·07	1·92	0·36	0·06	6·90	Rural Urban County	
0·03	1·27	0·37	1·02	1·40	0·97	0·05	0·08	0·07	0·02	0·35	0·09	1·65	0·46	0·09	6·33		
0·07	1·51	0·37	0·93	1·29	0·95	0·06	0·07	0·09	0·00	0·39	0·07	1·92	0·36	0·06	6·90		
0·04	1·37	0·37	0·98	1·35	0·96	0·05	0·08	0·08	0·01	0·37	0·08	1·76	0·42	0·08	6·60	Rural Urban County	
0·03	1·27	0·37	1·02	1·40	0·97	0·05	0·08	0·07	0·02	0·35	0·09	1·65	0·46	0·09	6·33		
0·07	1·51	0·37	0·93	1·29	0·95	0·06	0·07	0·09	0·00	0·39	0·07	1·92	0·36	0·06	6·90		

NOTE.—The total death-rate from all causes for the whole County was 15·90 per 1,000 of the population. The Zymotic death-rate was 0·862 per 1,000.

MORTALITY FROM SUBJOINED CAUSES,

Distinguishing Deaths of Children under 5 years of age—1905.

Table No. 5.

No. of District in Report.	SANITARY DISTRICT.	Small-pox.		Measles.		Scarlet Fever.		Whooping Cough.		Diphtheria and Memb. Croup.		Croup.		Typhus Fever.		Enteric Fever.		Other Continued Fever.		Epidemic Influenza.		Cholera.		Plague.		Diarrhoea.		Enteritis.		Puerperal Fever.		Erysipelas.		Other Septic Diseases.	
		under 5	5 and over	under 5	5 and over.	under 5	5 and over	under 5	5 and over	under 5	5 and over	under 5	5 and over	under 5	5 and over	under 5	5 and over	under 5	5 and over	under 5	5 and over	under 5	5 and over	under 5	5 and over	under 5	5 and over	under 5	5 and over	under 5	5 and over	under 5	5 and over		
RURAL.																																			
1	Stratton	..	..	4	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
2	Launceston	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
3	Calstock	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
4	Boscastle	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
5	Camelford	..	..	..	..	..	..	8	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	
6	Liskeard	..	..	3	3	1	3	6	..	..	1	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
7	St. Germans	..	1	3	..	..	1	3	..	..	2	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
8	Bodmin	..	..	..	..	..	..	3	1	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	
9	St. Columb	..	..	..	..	..	..	3	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
10	St. Austell	..	..	1	1	2	..	28	..	1	4	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	..	
11	Truro	..	..	..	..	..	..	3	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
12	Redruth	..	..	..	..	..	..	10	..	1	..	..	..	..	..	2	..	..	1	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	
13	East Kerrier	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
14	Helston	..	..	..	..	..	..	15	..	1	1	..	..	..	..	2	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	
15	West Penwith	..	..	..	..	..	..	5	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
16	Scilly Isles	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	
URBAN.																																			
17	Callington	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	
18	Stratton & Bude	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	
19	Launceston	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
20	Liskeard	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	
21	Torpoint	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
22	Looe	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	2	1	..	..	..	..	..	..	
23	Saltash	..	..	..	..	..	2	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
24	Bodmin	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
25	Lostwithiel	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
26	Wadebridge	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
27	Truro City	..	..	..	..	..	..	2	..	1	..	..	..	..	..	..	1	..	1	..	..	..	..	..	3	..	..	..	..	..	1	..	..	..	
28	Penryn	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	
29	Falmouth	..	..	..	..	..	..	4	..	4	..	1	..	..	..	1	1	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
30	Helston	..	..	..	..	..	..	2	..	..	..	..	..	1	..	..	2	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	
31	St. Ives	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	3	..	..	..	..	..	1	..	3	1	..	..	..	..	..	..	..	
32	Penzance	..	..	..	..	..	..	6	..	1	..	..	..	..	..	..	..	2	..	..	..	..	..	17	..	3	4	..	..	1	1	2	..	..	
33	Padstow	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
34	Newquay	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	
35	St. Austell	..	..	..	..	..	..	3	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
36	Redruth	..	..	..	..	..	..	6	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	
37	Camborne	..	..	..	..	..	..	1	..	4	..	..	..	..	..	..	..	6	..	..	..	..	..	2	..	8	..	..	..	..	1	2	..	..	
38	Phillack	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	1	..	
39	Hayle	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	
40	Madron	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	1	..	..	..	3	1	..	1	..	..	..	..	..	..	..	..	
41	Paul	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	1	1	..	..	..	..	..	..	1	..	..
42	Ludgvan	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
43	St. Just	..	..	1	..	..	..	4	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	5	..	1	..	..	..	..	..	..	..	..	..
Rural		..	1	11	4	3	4	90	2	5	12	1	..	..	13	..	1	16	..	..	..	..	..	13	5	13	4	..	..	..	..	..	..	6	..
Urban		..	..	2	..	2	48	..	11	1	1	..	..	1	2	3	2	30	..	..	..	..	..	42	4	23	9	..	..	..	..	4	1	9	..
County		..	1	13	4	3	6	138	2	16	13	2	..	1	15	3	3	46	..	..	..	..	..	55	9	36	13	5	..	..	8	1	15	..	

MORTALITY FROM SUBJOINED CAUSES,

Distinguishing Deaths of Children under 5 years of age—1905.

Table No. 5—continued.

Phthisis.	Other Tubercular Diseases.	Cancer.	Bronchitis.	Pneumonia.	Pleurisy.	Other diseases of Respiratory Organs.	Alcoholism, Cirrhosis of Liver.	Veneral Disease.	Premature Birth.	Diseases and Accidents of Parturition.	Heart Disease.	Accidents.	Suicides.	All other Causes.	SANITARY DISTRICT.	No. of District in Report.
under 5	under 5	under 5	under 5	under 5	under 5	under 5	under 5	under 5	under 5	under 5	under 5	under 5	under 5	under 5		
5 and over.	5 and over.	5 and over.	5 and over.	5 and over.	5 and over.	5 and over.	5 and over.	5 and over.	5 and over.	5 and over.	5 and over.	5 and over.	5 and over.	5 and over.		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	RURAL.	
5	10	1	4	7	6	3	3	...	2	1	8	...	1	7	Stratton	1
15	2	2	7	2	9	6	5	...	4	1	16	2	3	7	Launceston	2
2	1	...	3	...	1	2	...	...	...	...	3	...	...	2	Calstock	3
4	...	1	4	1	4	1	...	...	...	1	5	...	3	9	Bosccastle	4
20	1	1	16	7	24	6	13	...	4	...	15	...	3	11	Camelford	4
11	...	5	16	10	11	6	5	...	2	...	14	...	10	3	Liskeard	6
6	2	3	11	3	11	2	6	...	2	...	23	3	2	22	St. Germans	7
9	1	...	7	4	12	5	9	...	5	1	12	1	3	...	Bodmin	8
36	11	10	23	20	27	11	10	...	11	...	45	2	12	3	St. Columb	9
31	2	3	27	7	22	6	10	...	7	...	60	1	5	2	St. Austell	10
43	3	3	21	6	23	11	19	...	11	3	30	4	5	1	Truro	11
11	1	1	5	3	9	4	6	...	4	1	12	1	2	...	Redruth	12
26	...	2	27	2	13	12	8	...	5	...	36	...	8	2	East Kerrier	13
7	2	2	13	2	7	3	4	...	2	...	13	...	12	...	Helston	14
2	...	1	...	2	...	1	...	...	1	...	2	...	2	1	West Penwith	15
238	27	42	189	74	188	80	101	1	67	2	4304	14	73	18	Scilly Isles	16
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	URBAN.	
1	...	1	1	4	1	4	...	...	...	...	2	...	1	3	Callington	17
3	2	1	4	1	...	1	...	...	3	...	1	...	...	1	Stratton & Bude	18
8	...	1	5	4	...	1	...	...	2	...	15	...	2	3	Launceston	19
3	...	5	3	4	3	4	1	...	2	...	13	...	2	3	Liskeard	20
7	...	1	5	4	...	2	...	...	...	...	7	...	2	4	Torpoint	21
2	...	2	4	...	...	...	...	...	1	...	5	2	...	4	Looe	22
2	...	...	3	1	4	2	3	...	...	...	7	1	1	8	Saltash	23
20	1	...	2	1	2	10	...	...	...	...	23	...	1	...	Bodmin	24
3	...	1	3	...	1	...	...	...	...	...	...	...	...	...	Lostwithiel	25
...	...	...	...	4	...	...	...	...	1	1	1	...	...	10	Wadebridge	26
14	...	...	13	11	26	...	...	...	6	...	22	1	3	1	Truro City	27
5	...	...	6	1	5	2	5	...	...	...	5	...	...	8	Penryn	28
13	5	5	6	4	7	6	6	...	5	2	29	1	11	3	Falmouth	29
2	1	3	4	...	6	1	1	...	2	...	1	5	...	...	Helston	30
8	1	...	4	...	3	4	...	...	2	...	9	...	...	8	St. Ives	31
13	1	2	11	1	16	5	10	1	3	1	18	...	3	11	Penzance	32
5	...	2	1	...	1	1	5	...	...	...	1	1	1	...	Padstow	33
3	...	1	3	...	4	2	...	...	1	1	7	...	...	4	Newquay	34
5	...	1	3	1	2	4	1	...	2	...	9	...	...	2	St. Austell	35
22	...	...	8	4	11	1	6	...	10	...	11	...	...	25	Redruth	36
39	4	2	16	6	20	1	8	1	4	1	22	...	11	20	Camborne	37
7	2	1	3	...	2	...	...	...	2	1	4	...	1	10	Phillack	38
1	...	...	...	...	...	...	...	...	...	...	4	...	1	...	Hayle	39
2	...	...	2	...	2	6	...	...	...	1	1	4	...	5	Madron	40
4	1	1	10	1	5	3	3	...	1	1	12	...	2	15	Paul	41
1	...	1	4	...	2	2	2	...	1	1	5	...	...	3	Ludgvan	42
10	2	...	4	2	...	5	3	...	6	1	9	...	...	6	St. Just	43
4203	20	31	128	37	139	41	89	2	64	1	6257	6	44	8		
238	27	42	189	74	188	80	101	1	67	2	4304	14	73	18	Rural	...
4203	20	31	128	37	139	41	89	2	64	1	6257	6	44	8	Urban	...
4441	47	73	317	111	327	121	190	3	155	10	561	20	117	26	County	...

INFECTIOUS DISEASE.

Cases of Infectious Disease notified during 1905.

Table No. 6.

No. of District in Report.	SANITARY DISTRICT.	FEVERS.															Totals.	
		Smallpox.	Cholera.	Diphtheria.	Membranous Group.	Erysipelas.	Scarlet.	Typhus.	Enteric.	Relapsing.	Continued.	Puerperal.	Plague.					
		under 5 5 & over	under 5 5 & over	under 5 5 & over	under 5 5 & over	under 5 5 & over	under 5 5 & over	under 5 5 & over	under 5 5 & over	under 5 5 & over	under 5 5 & over	under 5 5 & over	under 5 5 & over					
RURAL.																		
1	Stratton ..						3	2	1								6	
2	Launceston ..			1			4	6								2	11	
3	Calstock ..			1	4		2	6								8	16	
4	Boscastle ..						2										4	
5	Camelford ..						2	1									3	
6	Liskeard ..				2	1		103									108	
7	St. Germans ..	6			4		3	50		10						15	74	
8	Bodmin ..			1			2	6								2	9	
9	St. Columb ..			2	13		2	8								3	25	
10	St. Austell ..			5	13	1	10	103		5						58	131	
11	Truro ..			7	4		3	32							1	72	51	
12	Redruth ..	1			38		10	14							4		73	
13	East Kerrier ..			3	6		3									3	9	
14	Helston ..			4	27		14	33						1	1	9	85	
15	West Penwith ..				2		10			1	7				1	1	20	
16	Scilly Isles ..														2		2	
URBAN.		7		24	113	1	1	5	78	142	364	1	1	51		173	627	
17	Callington ..							16	42							16	42	
18	Stratton & Bude ..						1										1	
19	Launceston ..				2		7	5								1	14	
20	Liskeard ..			1			1	3								1	4	
21	Torpoint ..				2		5	5		1	2					2	14	
22	Looe ..						2	53	4							53	6	
23	Saltash ..			1			2	4	78							5	81	
24	Bodmin ..						3	3			1						7	
25	Lostwithiel ..			N	I	L												
26	Wadebridge ..			N	I	L												
27	Truro City ..				3		4	2			1				1		11	
28	Penryn ..				1		1				1					1	3	
29	Falmouth ..			4	2		3	18			2					9	25	
30	Helston ..			1	7			1			1				1	1	10	
31	St. Ives ..						4										4	
32	Penzance ..			1	1		4	2			1					6	8	
33	Padstow ..				2			1	3							1	5	
34	Newquay ..			1			3	1			3					1	7	
35	St. Austell ..			1				1			4					2	4	
36	Redruth ..				2		7	1						2		1	11	
37	Camborne ..			9	19	1	2	27	13	21		1	6	2	2	26	77	
38	Phillack ..						3	1								1	5	
39	Hayle ..						2										2	
40	Madron ..								1								2	
41	Paul ..										1	2				1	2	
42	Ludgvan ..						3	3								3	3	
43	St. Just ..			2	29		1	10					2			12	32	
Rural ..		7		24	113	1		5	78	142	364	1	1	51		173	627	
Urban ..				21	70	1	1	3	83	114	190		3	28	4	4	1142	380
County ..		7		45	183	2	1	8	161	256	554	1	4	79		5	15	1007

Births, Deaths, Natural Increase, and Infantile and Zymotic Deaths

of the Population of Cornwall, during the Year 1905.

Table No. 7.

	BIRTHS.			DEATHS.		NATURAL INCREASE.		INFANTILE & ZYMOTIC DEATHS.			
	Population, 1901.	Births	Birth-rate per 1,000.	Deaths.	Death-rate per 1,000.	Natural Increase.	Natural Increase per 1000 of the population.	Deaths under 1 year.	Deaths under 1 year per 1000 Births.	Zymotic Deaths.	Zymotic Death-rate per 1000 of the population.
RURAL .	186,376	3996	21·44	2883	15·46	1113	5·97	465	116·36	163	0·875
URBAN ..	136,329	3105	22·77	2250	16·50	856	6·27	372	119·80	116	0·858
COUNTY ..	322,705	7101	22·00	5133	15·90	1969	6·10	837	117·87	279	0·862

REMARKS.—Comparing the Rural districts with the Urban it will be seen by the above Table that the latter had the advantage over the former in respect of the Birth-rate, Natural Increase-rate, and the Zymotic death-rate—a reversion of the conditions existing last year when all the various rates were in favour of the Rural districts.

Mortality of the Population of Cornwall from all Causes

at the subjoined ages during 1905.

Table No. 8.

	Population, 1901.	Deaths at all ages.	General death-rate.	Deaths classified according to ages and death-rates at each of these ages per 1,000 deaths at all ages.											
				Deaths under 1.	Death-rate.	1 and under 5.	Death-rate.	5 and under 15.	Death-rate.	15 and under 25.	Death-rate.	25 and under 65.	Death-rate.	65 and over.	Death-rate.
RURAL .	186,376	2883	15·46	465	161·29	169	58·61	95	32·95	138	47·86	819	284·07	1197	415·19
URBAN ..	136,329	2250	16·50	372	165·33	121	53·77	47	20·88	109	48·44	659	292·84	942	118·66
COUNTY	322,705	5133	15·90	837	163·06	290	56·49	142	27·66	247	48·12	1478	287·94	2139	416·71

REMARKS.—By the above Table it will be seen that out of each 1,000 deaths which occurred in the County during 1905, omitting fractions—

163 were infants under 1 year.

56 were children over 1 year and under 5.

27 were aged 5 and under 15.

48 „ 15 „ 25.

288 „ 25 „ 65.

417 „ 65 and over.

The relative proportions of these deaths as occurring in Rural and Urban districts are also shown by the Table.

Mortality Rates per 1,000 of the Population of Cornwall

from the undermentioned Diseases and Causes, 1905.

Table No. 9.

	Small-pox.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria and Membranous Croup.	Croup.	Enteric Fever.	Continued Fever.	Influenza.	Diarrhoea.	Enteritis.	Puerperal Fever.	Erysipelas.	Other Septic Diseases.	Phthisis.	Other Tubercular Diseases.	Cancer.	Bronchitis, Pneumonia and Pleurisy.	Other diseases of the Respiratory Organs.	Alcoholism } Cirrhosis of Liver }	Veneral Disease.	Premature Birth.	Diseases & Accidents of Parturition.	Heart Disease.	Accidents.	Suicides.	All other Causes.	Death-rate per 1,000 from all causes.
RURAL ..	0.00	0.08	0.03	0.49	0.09	0.00	0.06	0.00	0.09	0.09	0.09	0.01	0.02	0.03	1.27	0.37	1.02	2.42	0.08	0.07	0.02	0.35	0.09	1.65	0.46	0.09	6.33	15.46
URBAN ..	0.00	0.01	0.01	0.35	0.08	0.00	0.01	0.02	0.23	0.33	0.23	0.02	0.03	0.07	1.51	0.37	0.93	2.30	0.07	0.09	0.00	0.39	0.07	1.92	0.36	0.06	6.90	16.50
COUNTY ..	0.00	0.02	0.02	0.43	0.08	0.00	0.04	0.01	0.15	0.19	0.15	0.01	0.02	0.04	1.37	0.37	0.98	2.36	0.08	0.08	0.01	0.37	0.08	1.76	0.42	0.08	6.60	15.90

REMARKS.—Measles, Scarlet Fever, Whooping Cough, Diphtheria, Enteric Fever, Cancer, Bronchitis, and Accidents were more fatal in the Rural districts than in the Urban; but the former had the advantage over the latter as regards Influenza, Diarrhoea, Puerperal fever, Erysipelas, Phthisis, Premature Births, and Heart Disease.

The Table also shows that 23 per cent. of the total deaths were caused by Phthisis (Consumption) and its allied diseases, Bronchitis, Pneumonia and Pleurisy—an increase of one on the percentage of last year, and two on 1903.

Mortality Rates of England and Wales and the Principal Towns compared with those of Cornwall—1905.

Table No. 10.

		MORTALITY PER 1,000 POPULATION FROM									
		All causes.	The following seven Zymotic diseases.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Fevers.	Diarrhoea.	Deaths under 1 year per 1,000 births.
England and Wales ...	1892	19.0	2.00	0.015	0.46	0.19	0.22	0.46	0.15	0.50	...
	1897	17.4	2.15	0.000	0.40	0.14	0.24	0.35	0.16	0.86	156
	1898	17.6	2.22	0.01	0.41	0.11	0.24	0.31	0.18	0.96	161
	1899	18.3	2.21	0.01	0.31	0.12	0.29	0.30	0.20	0.98	163
	1900	18.3	2.00	0.00	0.39	0.12	0.29	0.34	0.17	0.69	154
	1901	16.9	2.05	0.01	0.27	0.13	0.27	0.30	0.16	0.91	151
	1902	16.3	1.64	0.08	0.38	0.15	0.23	0.29	0.13	0.38	133
	1903	15.4	1.46	0.02	0.27	0.12	0.18	0.27	0.10	0.50	132
	1904	16.2	1.94	0.01	0.36	0.11	0.71	0.34	0.09	0.86	146
	1905	15.2	1.52	0.00	0.32	0.11	0.16	0.25	0.09	0.59	128
CORNWALL ...	1892	17.5	1.00	0.003	0.06	0.09	0.08	0.20	0.13	0.43	...
	1897	16.3	1.27	0.003	0.54	0.04	0.06	0.18	0.14	0.31	134
	1898	17.5	1.33	0.000	0.09	0.02	0.08	0.49	0.12	0.53	156
	1899	16.0	1.05	0.000	0.00	0.03	0.04	0.33	0.17	0.48	135
	1900	16.4	0.71	0.000	0.04	0.03	0.08	0.16	0.10	0.30	126
	1901	15.9	0.83	0.000	0.25	0.03	0.11	0.13	0.08	0.23	121
	1902	16.7	1.15	0.000	0.29	0.03	0.17	0.47	0.07	0.12	135
	1903	14.2	0.35	0.000	0.01	0.01	0.09	0.04	0.08	0.12	99
	1904	14.7	0.55	0.000	0.12	0.01	0.07	0.13	0.04	0.18	112
	1905	15.9	0.82	0.000	0.05	0.02	0.08	0.43	0.05	0.19	117
33 Great Towns ...	1892	20.7	2.64	0.01	0.69	0.25	0.27	0.57	0.15	0.70	...
	1897	19.1	2.87	0.00	0.55	0.18	0.31	0.41	0.18	1.24	177
	1898	19.0	2.85	0.00	0.56	0.14	0.31	0.42	0.20	1.22	178
	1899	20.2	2.81	0.01	0.46	0.13	0.40	0.38	0.22	1.21	181
	1900	19.5	2.50	0.00	0.43	0.13	0.35	0.45	0.20	0.94	172
	1901	18.6	2.68	0.02	0.43	0.17	0.30	0.36	0.17	1.23	168
76 Great Towns ...	1902	17.4	2.12	0.12	0.49	0.19	0.26	0.37	0.15	0.54	145
	1903	16.3	1.89	0.03	0.36	0.14	0.20	0.33	0.12	0.71	144
	1904	17.2	2.49	0.01	0.47	0.12	0.19	0.40	0.10	1.20	160
	1905	15.7	1.88	0.00	0.39	0.13	0.16	0.29	0.08	0.83	140

DISTRICT MONTHLY RAINFALL—1905.

Table No. 11.

STATIONS.	Altitude.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	TOTALS.
	ft.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
Poughill ...	200	1·94	1·55	4·87	2·89	0·23	2·70	1·77	3·22	1·57	2·95	4·92	2·05	30·66
Launceston ...	476	2·48	1·38	6·31	3·94	0·55	3·39	0·82	5·63	1·66	2·38	5·89	1·90	36·33
Gunnislake ...	850	2·23	1·35	7·37	3 30	0·65	2·72	0·95	6·09	2·10	1·43	7·24	2·09	37·52
Pentillie Castle ...	150	2·99	1·68	7·64	3·58	0·88	2·78	0·71	5·80	1·84	1·88	8·74	2·17	40·69
Liskeard ...	375	3·41	2·25	6·81	4·53	0·86	3·08	0·57	6·25	1·83	2·37	7·56	2·51	42·03
Bodmin ...	480	3·39	2·06	6·78	4·59	0·82	3·93	0·89	6·72	2·35	3·12	7·73	2·33	44·71
Pencarrow ...	...	2·96	1·42	6·24	3·78	0·47	3·75	0·84	5·02	2·00	2·77	5·65	2·14	37·04
Newquay ...	100	1·80	0·87	4·06	2·83	0·32	1·92	0·56	3·37	1·24	1·56	3·82	1·29	23·64
Plymouth (Dev.)	117	2·37	0·95	5·19	2·72	0·96	2·46	0·80	4·42	1·37	1·81	5·80	1·61	30·46
Cremyll ...	25	1·95	0·98	5·46	2·64	1·29	2·85	0·80	4·11	1·41	1·71	5 98	1·54	30·72
Menabilly ...	150	3·35	1·60	7·64	3·73	0·74	2·32	0·58	5·05	1·34	1·97	7·86	1·88	38·06
St. Austell ...	300	3·33	1·73	6·13	3·89	0·79	3·37	0·86	6·28	1·32	2·50	7·06	2·38	39·64
St. Agnes ...	318	1·99	1·12	5·56	2·52	0·53	2·12	1·22	4·58	1·06	2·14	5·65	1·43	29·92
Probus ...	...	2·78	1·38	5·03	3·05	0·71	2·41	0·50	4·66	1·06	2·07	5·59	1·99	31·23
Truro (R.I.C.) ...	40	2·94	1·48	5·82	3·03	0·58	2·35	0·52	4·60	1·32	3·28	6·14	2·02	34·08
Redruth ...	...	2·42	1·33	6·48	3·08	0·67	2·34	1·27	5·71	1·42	2·54	6·18	2·73	36·17
Trevince ...	240	2·65	1·41	5·68	2·82	0·60	2·84	0·87	5 99	1·71	3·30	6·67	2·41	36·95
St. Ives ...	60	1·81	1·10	4·77	2·29	0·63	1·89	0·59	3·90	1·04	1·53	5 35	1·75	26·65
Phillack ...	70	1·51	0·94	5·38	2·26	0·63	2·71	0·84	4·64	1·11	1·94	5·38	1·53	28·87
Falmouth (Ob.) ...	169	2·25	1·41	6·75	3·32	0·69	2·51	0·76	4·51	1·38	3 48	6 75	2·55	36·36
Marazion...	30	2·29	1·11	5·87	2·38	0·75	2·79	1·34	5·37	1·22	2·46	4·99	2·06	32·63
Penzance...	55	2·22	1·55	5·95	2·59	1·19	2·58	1·32	4·86	1·57	2·97	5·49	1·98	34·27
do. (Penlee) ...	...	2·28	1·53	6·14	2·57	1·19	2·48	1·46	5·12	1·59	2·99	5·71	2·04	35·10
Mullion ...	...	1·83	1·09	5·01	2·34	0·72	2·29	0·69	4·33	1·98	2·32	4·91	2·40	29·91
Scilly (St. Mary's) ...	...	1·04	1·34	4·16	1·99	1·44	1·35	1·05	6·72	1·87	1·23	5·29	1·68	29·34

Temperature and Humidity—1905.

Table No. 12.

	Mean Temperature.	Mean Daily Range of Temperature.	Absolute extremes of Temperature.		Mean Relative Humidity of the air.
			Highest.	Lowest.	
	°	°	°	°	saturation=100
January ...	42.93	8.87	52.1	29.2	83
February ...	43.96	8.44	53.4	30.1	84
March ...	46.10	11.47	57.5	30.5	84
April ...	48.75	9.95	58.9	35.8	82
May ...	52.46	15.32	68.5	37.7	77
June ...	59.63	12.61	76.1	45.7	79
July ...	63.56	13.77	77.6	48.2	80
August ...	59.76	13.02	73.7	47.7	77
September ...	55.88	12.40	68.8	43.0	81
October ...	48.50	13.11	61.7	31.1	81
November ...	43.97	11.34	54.5	28.0	83
December ...	44.67	7.79	53.3	32.6	86
Means ...	50.85	11.50	Highest 77.6	Lowest 28.0	81

Winter and Summer Temperature and Humidity—1905.

Table No. 13,

	Mean Temperature.	Mean Daily Range of Temperature.	Absolute extremes of Temperature.		Mean Relative Humidity of the air.
			Highest.	Lowest.	
	°	°	°	°	saturation=100
WINTER.					
January ...	42.93	8.87	52.1	29.2	83
February ...	43.96	8.44	53.4	30.1	84
March ...	46.10	11.47	57.5	30.5	84
April ...	48.75	9.95	58.9	35.8	77
November ...	43.97	11.34	54.5	28.0	83
December ...	44.67	7.79	53.3	32.6	86
Means ...	45.06	9.64	Highest 58.9	Lowest 28.0	83
SUMMER.					
May ...	52.46	15.32	68.5	37.7	77
June ...	59.63	12.61	76.1	45.7	79
July ...	63.56	13.77	77.6	48.2	80
August ...	59.76	13.02	73.7	47.7	77
September ...	55.88	12.40	68.8	43.0	81
October ...	48.50	13.11	61.7	31.1	81
Means ...	56.73	13.37	Highest 77.6	Lowest 31.1	79

RAINFALL—1905.

Table No. 14.

			Mean Total Rainfall.	No. of days with rain (0·01 in or more).	Greatest fall in 1 day.
			Inches		Inches
January	...	...	2·35	13	0·65
February	...	...	1·38	16	0·42
March	...	...	5·81	21	1·03
April	...	...	3·02	17	0·70
May	...	...	0·75	5	0·45
June	...	...	2·64	17	0·75
July	...	...	0·90	9	0·41
August	...	...	5·07	20	0·93
September	...	...	1·54	14	0·43
October	...	...	2·38	15	0·76
November	...	...	6·09	22	0·97
December	...	...	2·03	14	0·45
Totals	...	...	33·96	183	Greatest 1·03

SUMMARY.

Temperature, Humidity, and Rainfall—1905.

Table No. 15.

STATIONS.	Mean Tempera- ture. — The Year.	Mean Daily Range of Tempera- ture.	Mean Relative Humidity.	Total Rainfall.	Total duration of hours of bright Sunshine.	Authority supplying the Monthly Returns.
	°	°	%	Inches		
Poughill ...	*	*	*	30·66	*	Miss Field
Launceston ...	†48·65	†13·10	†83	36·33	*	Capt. Ching, R.N.
Gunnislake ...	*	*	*	37·52	*	Mr. C. A. Wadge
Pentillie Castle ...	*	*	*	40·69	*	Mr. W. T. Johnson
Liskeard ...	49·75	10·75	*	42·03	*	Mr. S. W. Jenkin
Bodmin ...	*	*	*	44·71	*	Preb. J. T. Every
Pencarrow ...	48·13	15·43	*	37·04	*	Mr. A. C. Bartlett
Newquay ...	50·96	8·04	82	23·64	1682	Dr. Vigurs
Plymouth (Dev.)	50·61	10·96	80	30·46	1621	Mr. H. V. Prigg
Cremyll ...	52·77	14·50	*	30·72	*	Mr. W. Wonnacott
Menabilly ...	48·95	16·85	*	38·06	*	Mr. W. H. Bennett
St. Austell ...	*	*	*	39·64	*	Mr. W. M. Coode
St. Agnes ...	*	*	*	29·92	*	Dr. Whitworth
Probus ...	*	*	*	31·23	*	Mr. H. Tresawna
Truro (R.I.C.) ...	51·09	14·70	81	34·08	1691	Mr. G. Penrose
Redruth ...	*	*	*	36·17	*	Mr. A. Lanyon
Trevince ...	*	*	*	36·95	*	Mr. E. B. Beauchamp
St. Ives ...	51·47	8·10	78	26·65	*	Dr. Nicholls
Phillaek ...	*	*	*	28·87	*	Rev. A. F. Hockin
Falmouth (Ob.) ...	50·90	10·16	83	36·36	1687	Mr. E. Kitto
Marazion ...	*	*	*	32·63	*	Mr. T. W. Field
Penzance ...	52·42	9·81	78	34·27	1791	Mr. C. H. Benn
Do. (Penlee)	51·40	*	*	35·10	*	Mr. J. Branwell
Lizard Lights ...	53·95	*	*	*	*	Mr. J. E. Davies
Mullion ...	50·73	9·62	¶84	29·91	1764	Mr. R. Thomas
Scilly (St. Mary's)	51·49	7·60	81	29·34	1785	Dr. Brushfield

* No Observation.

† 10 months average.

¶ Not reliable

